

MEMORANDUM

DATE: November 7, 1996

TO: Division of Shellfish Sanitation Personnel

FROM: R. E. Croonenberghs, Ph.D., Director
Division of Shellfish Sanitation

THROUGH: E. H. Bartsch, P.E., Director
Office of Water Programs

SUBJECT: Shoreline Survey - Procedure - Marina Inspection Form

Delete Working Memo #237

Attached are the instructions for filling out the current OWP Marina Inspection Form.

These guidelines shall be used when surveying marinas and other places. If there are any questions, please call Bob Clark, Marina Supervisor, of the Division of Wastewater Engineering, central office.

Attachments

INSTRUCTIONS FOR MARINA INSPECTION FORM

January 1, 1994

The following remarks are intended to aid the Health Department personnel in filling out the marina inspection form so we will be uniform in our interpretations.

Any incorrect information on this form should be lightly lined through and replaced with correct information.

In place of using an "X" as indicated in these instructions, sometimes a different symbol is used which gives additional information that is self-explanatory.

Key for Symbols Used on Marina Inspection Forms

A	=	Available
P	=	Plan Approved
S	=	Sewage receiving station
N	=	No boats w/ installed toilets
C	=	Closed facility
H	=	Marina variance not renewed
K	=	No service, no boats overnight, loading and unloading only
G	=	Grandfathered (is in compliance) and establishment that for one reason or another do not need a dump station
Z	=	Need repair

1. Name under which establishment trades.
2. Address of establishment.
3. Date inspection is being made.
4. Name of county or city in which establishment is located.
5. Name of body of water on which establishment is located.
6. Name of drainage basin - The State is divided into 9 drainage basins. They are listed below with their abbreviations as used on the marina inspection form:

1	P & S	-	Potomac & Shenandoah
2	James	-	James
3	Rapp	-	Rappahannock
4	Roan	-	Roanoke
5	C & D	-	Chowan & Dismal Swamp
6	T & B	-	Tennessee & Big Sandy
7	C & C	-	Coastal & Chesapeake
8	York	-	York
9	NR	-	New River

(see attached map showing river basins in Virginia)

7. Shellfish growing area - see attached list of growing areas in Virginia.
8. Name of owner (corporation, individual, etc.).
9. Address of owner.
10. Use an "X" if the establishment meets the following definition: **(see items 29, 30 and 31 for clarification of service).**

"Any installation operating, under public or private ownership, which provides dockage or moorage for boats (exclusive of paddle or rowboats) and provides, through sale, rental or fee basis, any equipment supply or service (fuel, electricity or water) for the convenience of the public or its leasee, renters or users of its facilities."
11. OPWBAM is an abbreviation for other place where boats are moored. Use an "X" if the establishment does not meet the marina definition but does meet the following definition: **(see items 29, 30 and 31 for clarification of service).**

"Any installation operating under public or private ownership, which provides dockage, moorage or mooring for boats (exclusive of paddle or rowboats) either on a free, rental or fee basis or for the convenience of the public."

12. Use an "X" if the establishment is not a marina or other place where boats are moored, but has the potential to be so designated. An example of this type of establishment would be a ramp at a subdivision. Another example of this establishment is one that has an approved plan for sanitary and sewerage facilities but has not been built. It would be carried under this designation until it has boat moorings. This establishment is not required to comply with the **Sanitary Regulations for Marinas and Boat Moorings**.
13. Total number of all seasonal and transient boat slips, moorings and dry storage spaces. This number shall equal the total numbers in items 14 through 19.
14. Number of seasonal boat slips whether occupied or not - seasonal being equal to three months or more per year.
15. Number of transient boat slips whether occupied or not. Transients are frequently referred to as those boats that are being used as transportation from other areas. They are often located along the intercoastal waterway.
16. Number of seasonal moorings whether occupied or not (see 14 above for a definition of seasonal).
17. Number of transient moorings whether occupied or not. Here, give the number that are used on a busy weekend, but not the maximum that can be used at a once-a-year festival, etc. (see 15 above for definition of transient).
18. Number of seasonal dry storage spaces whether occupied or not - not winter storage. A seasonal dry storage space is so located that the boat is easily available for use during the boating season from May 1 through September 31 (see 14 above for definition of seasonal).
19. Number of transient dry storage spaces whether occupied or not. These boats are usually located here for a short time (one day or two days).
20. Number of pleasure boats less than 26 feet in length moored at the establishment at the time of the inspection. This number would not include the boats (new or used) that a boat dealer has for sale or boats that are not in a ready to use state because of repair. A boat is defined as:

"Any vessel or other watercraft, privately owned or owned by the Commonwealth or any political subdivision thereof, whether moved by sails or other power mechanism, inboard or outboard, or any other vessel or structure floating on water in the Commonwealth of Virginia, whether or not capable of self-locomotion, including, but not limited to, cruisers, cabin cruisers, runabouts, houseboats and barges (excluded are vessels moved only by oars or paddles).

Also excluded from this definition are commercial, passenger and cargo-carrying vessels subject to the Quarantine Regulation of the United States Public Health Service, adopted pursuant to Title 42 of the United States Code and ships or vessels of the U. S. Government and boats, which are tenders to larger boats, moored or stored at the same facility.”

21. Number of pleasure boats 26' or more but less the 40' in length moored at the establishment at the time of the inspection. This number would not include the boats (new or used) that a boat dealer has for sale or boats that are not in a ready to use state because of repair (see item 20 for boat definition).
22. Number of pleasure boats 40' or more in length moored at the establishment at the time of the inspection. This number would not include the boats (new or used) that a boat dealer has for sale or boats that are not in a ready to use state because of repair (see item 20 for boat definition).
23. Total number of pleasure boats present at time of inspection. This number should equal the total of the numbers in items 20 through 22 plus the number in items 117 through 119.
24. Number of work boats less than 26' in length moored at the establishment at the time of the inspection. This number would not include the boats (new or used) that a boat dealer has for sale or boats that are not in a ready to use state because of repair (see item 20 above for boat definition).
25. Number of work boats 26' or more but less than 40' in length moored at the establishment at the time of inspection. This number would not include the boats (new or used) that a boat dealer has for sale or boats that are not in a ready to use state because of repair (see item 20 for boat definition).
26. Number of work boats 40' or more in length moored at the establishment at the time of inspection. This number would not include the boats (new or used) that a boat dealer has for sale or boats that are not in a ready to use state because of repair (see item 20 for boat definition).
27. Total number of work boats present at time of inspection. This number should equal the total of the numbers in items 24 through 26 plus the number in items 120 through 122.
28. Total number of work and pleasure boats present at time of inspection. This number should equal the total of item numbers 23 plus 27.
29. Use and “X” if the establishment provides fuel to boats.
30. Use and “X” if the establishment provides water to boats.

31. Use and “X” if the establishment provides electricity to boats.
32. Use and **AX@** if the establishment has a boat ramp for launching boats and removing them

from the water.

- 33. Use an "X" if the establishment has a boat railway for removing boats from the water and launching them.
- 34. Use an "X" if the establishment has a boat hoist for removing boats from the water and launching them.
- 35. This section is for the use of the Division of Shellfish Sanitation shoreline surveyors.
- 36A - 36B. Use an "X" in appropriate space as to whether or not the establishment provides containers for the collection of solid waste.
- 37A - 37B - 37C - 37D. Use an "X" in the appropriate space as to whether or not the establishment provides onshore sanitary facilities. If a variance or an exemption has been granted this establishment for onshore sanitary facilities, an "X" should be placed in the appropriate space and a copy of the document will be attached to the inspection sheet. The conditions set forth in either a variance or an exemption should be checked for compliance and so noted on the inspection report under remarks.
- 38A - 38B. Use an "X" in the appropriate space to indicate if onshore sanitary facilities are required. There may be an exemption or a variance which relieves the establishment from providing separate onshore toilet facilities.
- 39. Give the distance in feet from the shore end of the pier to the onshore toilet facilities.
- 40. Give the number of commodes designated for male use.
- 41. Give the number of commodes designated for female use.
- 42. Give the number of urinals designated for male use.
- 43. Give the number of lavatories designated for male use.
- 44. Give the number of lavatories designated for female use.
- 45. Give the number of showers designated for male use.
- 46. Give the number of showers designated for female use.
- 47. Give the number of pit privies, vault privies, porta johns and composting toilets designated for male use.
- 48. Give the number of pit privies, vault privies, porta johns and composting toilets designated for female use.
- 49A - 49B. Use an "X" in the appropriate space to indicate if the onshore sanitary facilities are accessible.

50A - 50B. Use an “X” in the appropriate space to indicate if the onshore sanitary facilities are in good repair.

51A - 51B. Use an “X” in the appropriate space to indicate if the onshore sanitary facilities are marked with a sign designating one for men and one for women.

52A - 52B. Use an “X” in the appropriate space to indicate if the onshore sanitary facilities are clean.

53. Use an “X” to indicate if the sewage disposal system to serve the onshore sanitary facilities is on-site.

54. Use an “X” to indicate if a sewage treatment system serves the onshore sanitary facilities.

55. Give the name of the sewage treatment system if one is used to serve the onshore sanitary facilities.

56. Use an “X” in the space provided if the onshore sanitary facilities provided is a privy.

57. If a privy is available, insert the word which explains the type of privy provided, such as vault, pit or porta john, etc.

58A - 58B. If a privy is available, use an “X” in the appropriate space to indicate the condition of it.

59. Use an “X” in the space provided if a septic tank/drainfield is being used for the disposal of sewage from the onshore sanitary facilities.

60A - 60B. If a septic tank/drainfield is being used for the disposal of sewage, use an “X” in the appropriate space to indicate its condition.

65. Number of feet the on-site sewage treatment system is above mean high water.

66. Number of feet the on-site sewage treatment system is located from the nearest watercourse.

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67A - 67B - 67C - 67D. Use an **AX@** in the appropriate space as to whether or not the establishment provides boat sewage holding tank pump-out. If a variance or an exemption has been granted this establishment for pump-out, an **AX@** should be in the appropriate space and a copy of the document will be attached to the inspection sheet. The conditions set forth in either a variance or an exemption should be checked for compliance and so noted on the inspection sheet under remarks.

68A - 68B. Use an **AX@** in the appropriate space to indicate if the required pump-out sign is posted.

69A - 69B. Use an **AX@** in the appropriate space to indicate if boats with installed toilets are moored at the establishment.

- 70.** Give name of location of alternate pump-out service, if applicable.
- 71A - 71B - 71C.** Give operating schedule of the establishment's pump-out services.
- 72.** Give depth of water at the location where pump-out service is available (low tide).
- 73.** Give charge for pump-out service.
- 74A - 74B.** Use an "X" in the appropriate space to indicate if pump for pump-out facility is operational.
- 75.** Give type of pump, such as diaphragm or centrifugal, etc.
- 76A - 76B.** Use an "X" in the appropriate space to indicate if suction line is satisfactory. Is the line free of holes? Is it the correct size? Is it movable? Is it nonkinking, etc.?
- 77.** Give size of suction line in inches.
- 78A - 78B.** Use an "X" in the appropriate space to indicate that a check valve is in place or other device to prevent sewage spills when the suction line is disconnected from the boat.
- 79A - 79B.** Use an "X" in the appropriate space to indicate if a gate valve or valves are in place to prevent the spillage of sewage in the vent the pump has to be removed.

- 80A - 80B.** Use an “X” in the appropriate space to indicate if potable water is being used to flush boat sewage holding tanks.
- 81A - 81B.** If potable water is being used to flush boat sewage holding tanks, then use an “X” in the appropriate space to indicate if the potable water is protected from backflow.
- 82A - 82B.** Use an “X” in the appropriate space to indicate if a portable pump-out facility is provided and using a transporting tank.
- 83A - 83B.** Use an “X” in the appropriate space to indicate if a portable pump-out facility is provided and if the transporting tank is satisfactory.
- 84.** If a portable pump-out facility is provided, give the number of gallons it will hold.
- 85A - 85B.** Use an “X” in the appropriate space to indicate if a portable pump-out is provided and if the tank is properly vented.
- 86A - 86B.** Use an “X” in the appropriate space to indicate if a portable pump-out is provided and if the method of emptying it is satisfactory.
- 87A - 87B.** Use an “X” in the appropriate space to indicate if a holding tank is required to store the sewage removed from the boats while it is waiting to be transported to a treatment facility.
- 88A - 88B.** Use an “X” in the appropriate space to indicate if a sewage holding tank is required and if it is in good condition.
- 89.** If a sewage holding tank is provided, give the number of gallons it will hold.
- 90A - 90B.** Use an “X” in the appropriate space to indicate if a sewage holding tank is provided and if the tank is properly vented.
- 91.** Give the distance in feet between the sewage holding tank and the nearest watercourse.
- 92.** Give the elevation in feet above the water at the location of the sewage holding tank.
- 93A - 93B - 93C.** Use an “X” in the appropriate space as to whether or not the establishment provides a sewage dump station for portable sewage containers. In addition to the conventional sewage dump station, a privy may be accepted for this purpose, but a flush toilet is not acceptable. If a variance or an exemption has been granted this establishment for the dump station, an “X” should be in the appropriate space and a copy of the document will be attached to the inspection sheet. The conditions set forth in either a variance or an exemption should be checked for compliance and so noted on the inspection sheet under remarks.

- 94A - 94B.** If sewage dump stations are provided, use an **AX@** in the appropriate space to indicate if facilities to flush the sewage container have been provided.
- 95.** Use an **AX@** in the space provided if a pump and haul contractor is used to empty the

sewage holding tank.

96. Use an "X" in the space provided if something other than a pump and haul contractor is used to handle the sewage from the dump station and the sewage pumped from boat holding tanks.
97. If a pump and haul contractor is used to empty the sewage holding tank, then give the name of the pump and haul contractor.
98. If something other than a pump and haul contractor is used to handle the sewage from the dump station and the sewage pumped from boat holding tanks, then explain how this sewage is handled.
99. Give the number of boats moored at this establishment which are occupied six months or more per year.
100. Give the number of boats moored at this establishment which are occupied thirty days or more per year, but less than six months per year.
101. Give the name of the dockmaster/operator.
102. Give telephone number at the marina if one is available; if not, use a number where the operator of the marina can be reached.
103. Give a very brief description of the directions to the establishment (use no more than typed spaces).
104. Use an "X" in this space to indicate if the establishment is in compliance with the **Sanitary Regulations for Marinas and Boat Moorings**.
105. Give name of all Health Department personnel present at the inspection.
106. Give title of all Health Department personnel present at the inspection.
107. Give name of any person or persons accompanying the Health Department personnel on this inspection. If pump-out signs or dump station signs are issued to someone at the establishment then have that person sign in this space or don't leave the sign or signs.
108. Give the title of each person or persons accompanying the Health Department personnel on this inspection.

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109. This space is provided for the person making the inspection to add any remarks that need to be included. If needed, the remarks may be continued on a separate piece of paper which can be attached to the inspection report.
- 110A - 110B. Use an AX@ in the appropriate space to indicate if the establishment is currently in operation. If boats are moored at the establishment or if the owner allows boats to use any part of the establishment it is currently in operation.

- 111A - 111B.** Use an **AX@** in the appropriate space to indicate if a standard sign for pump-out was issued. If **111A** has an **AX@** in it then do not change it. If **111B** has an **AX@** in it do not change it unless a standard pump-out sign is issued at that time.
- 112A - 112B.** Use an **"X"** in the appropriate space to indicate if a standard sign for sewage dump station was issued. If **112A** has an **"X"** in it then do not change it. If **112B** has an **"X"** in it then do not change it unless a standard dump station sign is issued at that time.
- 113A - 113B.** Use an **"X"** in the appropriate space to indicate if the required dump station sign is posted.
- 114.** If Certificate to Operate (CTO) has been issued the date of issue will be recorded in this space. It will not be changed until the CTO has been reissued or it should be blank if the establishment does not hold a CTO.
- 115.** Give the number of boat wet storage spaces that have been permitted for the establishment.
- 116.** Give the number of dry boat storage spaces that have been permitted for the establishment.
- 117.** Number of pleasure boats less than 26' in length in dry storage at the establishment at the time of the inspection. This number would not include the boats (new or used) that a boat dealer has for sale or boats that are not in a ready to use state because of repair (see item 20 for boat definition).
- 118.** Number of pleasure boats 26' or more but less than 40' in length in dry storage at the establishment at the time of the inspection. This number would not include the boats (new or used) that a boat dealer has for sale or boats that are not in a ready to use state because of repair (see item 20 for boat definition).
- 119.** Number of pleasure boats 40' or more in length in dry storage at the establishment at the time of the inspection. This number would not include the boats (new or used) that a boat dealer has for sale or boats that are not in a ready to use state because of repair (see item 20 for boat definition).

- 120. Number of work boats less than 26' in length in dry storage at the establishment at the time of inspection. This number would not include the boats (new or used) that a boat dealer has for sale or boats that are not in a ready to use state because of repair (see item 20 for boat definition).
- 121. Number of work boats 26' or more but less than 40' in length in dry storage at the establishment at the time of inspection. This number would not include the boats (new or used) that a boat dealer has for sale or boats that are not in a ready to use state because of repair (see item 20 for boat definition).
- 122. Number of work boats 40' or more in length in dry storage at the establishment at the time of inspection. This number would not include the boats (new or used) that a boat dealer has for sale or boats that are not in a ready to use state because of repair (see item 20 for boat definition).
- 123. Use an "X" if the establishment provides boat repair.
- 124. Use an "X" if the establishment has a boat sales operation. If a private boat owner has his boat for sale the facility would not be operating a sales operation.
- 125. Use an "X" if the establishment provides pump-out services and limits that service to its tenants or a given segment of boaters. (It could be considered a violation to provide fuel service to any boater requesting fuel and not providing pump-out service if pump-out service is provided).
- 126. Latitude - is expressed in degrees and minutes (seconds are not used). The minutes are carried to the fifth decimal place (1/100,000). If you do not have Global Positioning System (GPS) equipment available at the time of inspection leave this information blank as it can be filled in at a later date. If you are using GPS equipment and taking reading a **N** will appear on the screen after the reading which should be recorded on the inspection sheet.

Key for symbol used on the marina inspection sheet - when a steady reading can not be obtained from the GPS equipment a one (1) is used in the last decimal place which gives minutes. This one (1) will indicate that the GPS reading was not steady.

- 127. Longitude - is expresses in degrees and minutes (seconds are not used). The minutes are carried to the fifth decimal place (1/100,000). If you do not have Global Positioning System (GPS) equipment available at the time of inspection leave this information blank as it can be filled in at a later date. If you are using GPS equipment and taking reading a **W** will appear on the screen after the reading which should be recorded on the inspection sheet.

Key for symbol used on the marina inspection sheet - when a steady reading can not be obtained from the GPS equipment a one (1) is used in the last decimal place which gives minutes. This one (1) will indicate that the GPS reading was not steady.

- 128.** Use an “X” if the establishment is owned by a governmental agency (city, town, county, state, federal).

COMMONWEALTH OF VIRGINIA
DIVISION OF WATER PROGRAMS
MARINAS AND OTHER PLACES WHERE BOATS ARE MOORED INSPECTION

DSS Use Only
Property No. _____
Class _____

(Name) 1 (Date) 3/
2 4
(Address) (County or City)
5 6 7
(Body of Water) (Drainage Basin) (Shellfish Growing Area)
8 9
(Owner) (Address)
(Latitude) 126 (Longitude) 127

I. TYPE OF ESTABLISHMENT: (10) Marina (11) OPWBAM (12) Under Surveillance
Number of Slips Permitted (115) DRY (116) WET Currently in Operation (110A) Yes (110B) No

Boat Accomodations: Seasonal Transient
Number of Slips Available _____ (14) (15)
Number of Moorings Available _____ (16) (17)
Number of Dry Storage Spaces Available (18) (19) TOTAL (13)

Boats Present at Time of Survey	Under 26 Ft		26-39		40 Ft & Over		Sub-totals
	DRY	WET	DRY	WET	DRY	WET	
TYPE of BOAT STORAGE							
<u>PLEASURE</u>	(<u>117</u>)	(<u>20</u>)	(<u>118</u>)	(<u>21</u>)	(<u>119</u>)	(<u>22</u>)	(<u>23</u>)
<u>WORK</u>	(<u>120</u>)	(<u>24</u>)	(<u>121</u>)	(<u>25</u>)	(<u>122</u>)	(<u>26</u>)	(<u>27</u>)
	Totals						(<u>28</u>)

SERVICES AVAILABLE TO BOATS: (29) Boat Fuel 30 Water (31) Electricity
124 Boat Sales (32) Ramp 33 Railway 34 Hoist 123 Repair

DSS Use Only: 35
Supplies..... () Marine () Groceries () Other
Laundry..... () Washers No. Discharge to

Containers provided for solid waste collection: 36A YES 36B NO

II. ONSHORE SANITARY FACILITIES AVAILABLE: 37A YES 37B NO 37C Variance 37D Exempt

Separate onshore facilities required: 38A Yes 38B No

Fixtures provided: Greatest distance from shore end of pier (39) Feet

Commodos		Urinals	Lavatories		Showers		Privies	
Male	Female	Male	Male	Female	Male	Female	Male	Female
<u>40</u>	<u>41</u>	<u>42</u>	<u>43</u>	<u>44</u>	<u>45</u>	<u>46</u>	<u>47</u>	<u>48</u>

Accessible 49A Yes 49B No Marked 51A Yes 51B No
Good repair 50A Yes 50B No Clean 52A Yes 52B No

Sewage disposal (54) Treatment System-Name of system (55)
(53) On-Site

Complete section if on-site sewage disposal:

56 Privy-Type (57) Condition 58A Satisfactory 58B Unsatisfactory
59 Septic tank/drainfield Condition 60A Satisfactory 60B Unsatisfactory
(65) Elevation above M.H.W. (66) feet to nearest watercourse

III. FACILITIES FOR HANDLING SEWAGE FROM BOATS

Removal of sewage from boat holding tanks -Restricted Service 125

Pump-out provided 67A Yes 67B No 67C Variance 67D Exempt
 Pump-out placarded as required 68A Yes 68B No Std. Sign Issued 111A Yes 111B No
 Boats with installed toilets 69A Yes 69B No
 If exempt and another establishment furnishes alternate pump-out service
 Specify NAME 70
 If have a pump-out, give operating schedule: months 71A (71A)
 Days per week (71B) Operating hours (71C)
 Maximum draft of boat that can be pumped out at low tide (72) FT.
 Fee for pump-out service if any \$(73)

Equipment in place and operational:	Yes	No	Comments
Pump satisfactory.....	<u>74A</u>	<u>74B</u>	(<u>75</u>)
Suction line satisfactory.....	<u>76A</u>	<u>76B</u>	Size: (<u>77</u>)
check valve in place.....	<u>78A</u>	<u>78B</u>	
gate valve in place.....	<u>79A</u>	<u>79B</u>	
Is potable water provided for.....			
flushing boat holding tank?.....	<u>80A</u>	<u>80B</u>	
if yes, is back flow prevention			
in place?.....	<u>81A</u>	<u>81B</u>	
Transporting tank required?.....	<u>82A</u>	<u>82B</u>	
condition of tank satisfactory.....	<u>83A</u>	<u>83B</u>	
size of tank.....			(<u>84</u>) gal
vent satisfactory.....	<u>85A</u>	<u>85B</u>	
satisfactory method of emptying.....	<u>86A</u>	<u>86B</u>	
Storage tank required.....	<u>87A</u>	<u>87B</u>	
condition of tank satisfactory.....	<u>88A</u>	<u>88B</u>	
size of tank.....			(<u>89</u>) gal
vent satisfactory.....	<u>90A</u>	<u>90B</u>	
location to nearest watercourse.....			distance (<u>91</u>) Elevation (<u>92</u>)

IV. Dumpstation to empty portable sewage containers - 93A Yes 93B No 93C Exempt

If yes, are facilities provided to flush containers? 94A Yes 94B No

Dumpstation placarded as required 113A Yes 113B No Std. Sign Issued 112A Yes 112B No

V. Final disposal of sewage from boats-

95 Pump and haul contractor 96 Other

If contractor, give name and address 97

If other, explain 98

Number of boats with overnight occupancy:

(100) Between 30 Days and 6 months per year

(99) 6 months or more per year

Operator: 101

Telephone: 102

Location: 103

Municipally Owned: (12) Yes

Certificate to Operate 104 Yes Date Issued 114

105
Inspection conducted by

106
Title

107
Present during survey

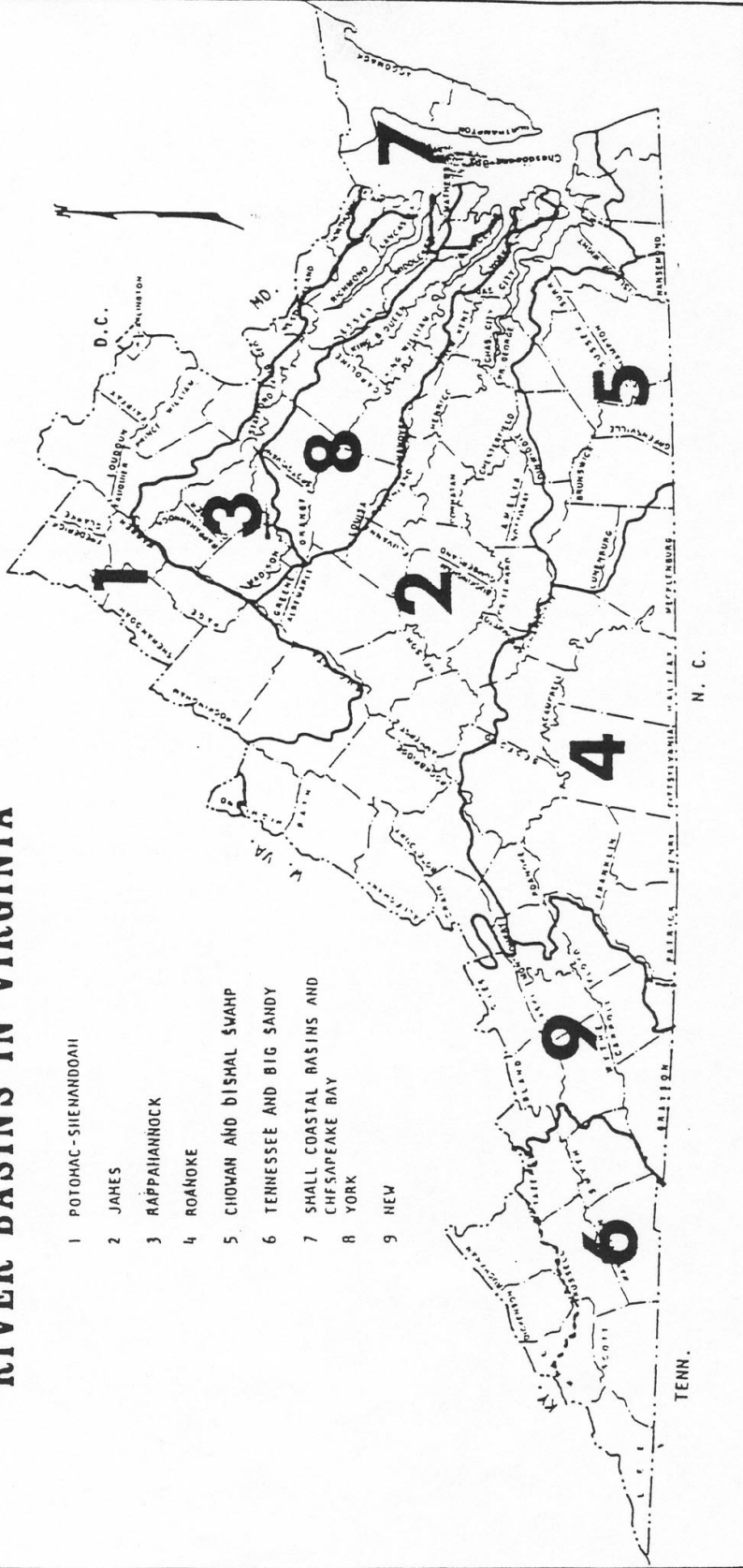
108
Title

General remarks

109

RIVER BASINS IN VIRGINIA

- 1 POTOHAC-SHEENANDOAH
- 2 JAMES
- 3 RAPPAHANNOCK
- 4 ROANOKE
- 5 CHOWAN AND DISMAL SWAMP
- 6 TENNESSEE AND BIG SANDY
- 7 SHAL COASTAL BASINS AND CHESAPEAKE BAY
- 8 YORK
- 9 NEW



Shellfish Growing Areas

Area No.

Area Name

1A	Upper Machodoc Creek	49	York Rivers	West Point Vicinity
1	Rosier Creek	50	York Rivers	Camp Peary to Tarrapin Point
2	Monroe Bay: Monroe and Mattox Creeks	51	York Rivers	Camp Peary to Yorktown
3	Potomac River: Mattox Creek to Curtissman Bay	52	York Rivers	Yorktown to Goodwin Islands
4	Homini and Curtissman Bays	53	Poquoson River and Back Creek	
5	Lower Machodoc Creek	54	Back River	
6	Gardner, Jackson and Bonum Creeks	55	Chesapeake Bay: Back River to Old Point Comfort	
7	Yeocomico River	56	Hampton Roads: Old Point Comfort to Newport News Point	
8	Coan River, The Ogle and Kingscote Creek	57	James Rivers	Newport News Point to Deep Creek
9	Potomac River: Coan River to Ginny Beach	58	Warwick River and Deep Creek	
10	Little Wicomico River	59A	James Rivers	Mulberry Point to Jamestown Island
11	Gaskins and Owens Ponds and Taskmers Creek	60	Chickahominy River	
12	Cockrell Creek	61	Cobham Bay and Larnas Creek	
13	Great Wicomico River	62	Pagan River	
14	Chesapeake Bay: Mill Creek to Dividing Creek	63	Chuckatuck Creek	
15	Dividing Creek	64	Mansemond River	
16	Indian, Dymar and Tabbs Creeks	65	Hampton Roads: Mansemond River to Elizabeth River	
17	Little Bay and Antipolson Creek	66	Elizabeth River	
18	Oyster, Little Oyster, Windmill Point and Mosquito Creeks	67	Hampton Roads: Tanner Point to Willoughby Spit	
19	Rappahannock River: Mosquito Creek to Carter Creek	68	Ocean View - Willoughby	
20	Carter Creek	69	Little Creek	
21	Corrotoman River	70	Chesapeake Bay: Little Creek to Lynnhaven Bay	
22	Rappahannock River: Towles Point to Deep Creek	71	Lynnhaven Bay	
23	Lancaster, Deep and Mulberry Creeks	72	Broad and Linkhorn Bays	
24	Farnham Creek	73	Cape Henry	
25	Totuskey and Richardson Creeks	74	Virginia Beach	
25A	Rappahannock River: Totuskey Creek to Tappahannock Bridge	75	Smith and Fox Islands	
25B	Rappahannock River: Tappahannock Bridge to Carters Wharf	76	Pocomoke Sound	
26A	Rappahannock River: Mt. Landing and Occupacia Creeks	77	Messongo and Gullford Creeks	
26B	Rappahannock River: Wares Wharf to Tappahannock Bridge	78	Hunting and Deep Creeks	
26	Rappahannock River: Wares Wharf to Mud Creek	79	Tangler, Goose and Watts Islands	
27	Rappahannock River: Mud and Patrotts Creeks	80	Chesconnessex Creek	
28	Whiting and Maschims Creeks	81	Onancock and Hatchotank Creeks	
29	Lockliles and Mill Creeks	82	Pungoteague Creek	
30	Bush Park and Sturgeon Creeks	83	Mandua and Curratuck Creeks	
31	Jackson and Broad Creeks	84	Craddock Creek	
32	Plankatank River, Lower	85	Occohamock Creek	
33	Plankatank River, Upper	86	Messawadox Creek	
34	Gwynn Island	87	Hungar and Mattawoman Creeks	
35	Stutts, Queens and Whites Creeks	88	Gulf, The	
36	Winter Harbor and Garden Creek	89	Cherrystone Inlet	
37	Horn Harbor and Dyer Creek	90	Cape Charles	
38	MobJack Bay: New Point Comfort to East River	91	Old Plantation and Elliots Creeks	
39	East River	92	Chesapeake Bay: Elliots Creek to Cape Charles Point	
40	North River	93	Fisherman Island	
41	Ware River	94	Seaside: Cape Charles Point to Seaview	
42	Savern River	95	Seaside: Seaview to Eastville Station	
43	Browns Bay and Monday Creek	96	Seaside: Eastville Station to Messawadox	
44	Sarah Creek and Perrin River	97	Machipongo River	
45	York Rivers: Gloucester Point to Allmondsville	98	Seaside: Finney and Polly Creeks	
46	York Rivers: Poropotank and Puritan Bays	99	Seaside: Metookin, Gargathy and Kegotank Bays	
47		100	Seaside: Bogues and Shell Bays	
48		101	Chincoteague Bay	
			Chincoteague and Assateague Islands	